Sl.No	Description of work	Unit	schedule B		Previous Measurement		Present Measurement			Total UP-to-date		Rmks
			Qty	Cost	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
1	Clearing grubbing road lane including up rooting rank vegitation , grass , brush , shrubs , sapling & trees of girth up to 300mm by manual means, in area of light jungle , removal of stumps , disposal of un serviceabale materials , stacking of serviceabale materials with in a lead of 100 mtr from road boundary , labour charges complete as per specifications	Sqm	700.00	7.00	0.00	0.00	700.00	7.00	4900.00	700.00	4900.00	
2	Dismanteling of Exsisting structures like Culverts, Bridges, retaining wall & other structures compraising of masanry, cement concrete, wood work, steel work including T& P and scaffolding wherever necessary, sorting the Dismentalled metrial,disposoble of unserviceble material & stacking servicable material with lead of 1000 mts, complete as per specification 1.) Lime concrete/ Cement Concrete -KSRRB M200- 13.1 - do- II by mechanicaal means A cement Concrete Grade M 15- M20	Cum	84.75	428.00	0.00	0.00	84.75	428.00	36273.00	84.75	36273.00	
3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications.KSRRB M200-14.2. –do– Dismantling brick/Tile work B. In cement mortar. MORTH Specification No. 202	Cum	16.96	303.00	0.00	0.00	16.96	303.00	5139.00	16.96	5139.00	
	Above 125%	Cum	121.04	435.75	0.00	0.00	121.04	435.75	52743.00	121.04	52743.00	
4	Dismanteling of Exsisting structures like Culverts, Bridges, retaining wall & other structures compraising of masanry, cement concrete, wood work, steel work including T& P and scaffolding wherever necessary, sorting the Dismentalled metrial,disposoble of unserviceble material & stacking servicable material with lead of 1000 mts, B13 complete as per specification !!!) Dismanteling of Stone masonary MORTH Specification 202	Cum	97.50	303.00	0.00	0.00	97.50	303.00	29543.00	97.50	29543.00	
5	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in IN ORDINARY SOIL not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.	Cum	551.90	235.00	0.00	0.00	307.30	235.00	72216.00	307.30	72216.00	
6	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in IN HARD SOIL not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.	Cum	157.70	351.00	0.00	0.00	106.76	351.00	37471.00	106.76	37471.00 37473	

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Sl.No	Description of work	Unit	schedule B		Previous Measurement		Present Measurement			Total UP-to-date		Rmks
			Qty	Cost	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
7	KSRB 2-2.3 : Excavation by manual means for foundation of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width, in soft rock not exceeding 1.50mtrs in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50mt including cost of explosives, labour, HOM of equipment complete as per specifications.	Cum	55.20	628.00	0.00	0.00	47.54	628.00	29857.00	47.54	29857.00 29855	
8	Earth work for lowering & levelling the ground other than foundation works by Mechanical means upto 3.0 mt depth including providing shoring stutting and bracing , removal of stumps and other and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising /transporting the remaining earth upto 1.00km lead. including cost of labour, materials and HOM of machineries etc., complete.	Cum	56.88	84.00	0.00	0.00	56.88	84.00	4778.00	56.88	4778.00	
	Above 125%	Cum	1318.13	75.73	0.00	0.00	932.34	75.73	70606.00	932.34	70606.00	
9	KSRB 3.2: Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor,along the external perimeter of building,expansion joints,over the top surface of consolidated earth on which apron is to be laid,surrounding of pipes and conduits with chloropyriphos emulsifiable concentrates of 20% concentration,including cost of chemical,diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications.	Sqmt	475.00	128.00	0.00	0.00	442.50	128.00	56640.00	442.50	56640.00	
10	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification No. 305	Cum	285.00	375.00	0.00	0.00	262.75	375.00	98532.00	262.75	98532.00	
11	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm & down size graded grinite metel coarse aggregates @ 0.892 cum & fine aggregates @ 0.465 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation & plinth, cost of all materials, labour, HOM of machinery, curing complete as per specification.	Cum	158.00	6264.00	0.00	0.00	105.96	6264.00	663764.00	105.96	663764.00 6,63,733	
12	Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 20mm & down size graded grinite metel coarse aggregates @ 0.69 cum & fine aggregates @ 0.459 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation & plinth & Cills including cost of all materials, labour, HOM of machinery, curing complete as per specification.	Cum	54.50	6755.00	0.00	0.00	0.00	6755.00	0.00	0.00	0.00	

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Sl.No	Description of work	Unit	schedule B		Previous Measurement		Present Measurement			Total UP-to-date		Rmks
			Qty	Cost	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
13	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification. - Ground Floor	Cum	42.50	7723.00	0.00	0.00	17.29	7723.00	133552.00	17.29	133552.00 1,33,531	
17	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - Ground Floor	Cum	325.54	7750.00	0.00	0.00	325.54	7750.00	2522935.00	325.54	2522935.00	
	Above 125%	Cum	273.86	6949.69	0.00	0.00	153.57	6949.69	1067256.00	153.57	1067256.00 10,67,264	
22	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for Foundation , footing , bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	341.60	287.00	0.00	0.00	317.33	287.00	91074.00	317.33	91074.00	
23	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications - Ground Floor	Sqm	955.10	318.00	0.00	0.00	316.00	318.00	100488.00	316.00	100488.00	
28	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. - Ground Floor	Sqm	337.00	454.00	0.00	0.00	278.28	454.00	126339.00	278.28	126339.00	
33	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - Ground Floor	Sqm	740.13	683.00	0.00	0.00	740.13	683.00	505509.00	740.13	505509.00 42438	
	Above 125%	Sqm	223.18	496.58	0.00	0.00	85.46	496.58	42436.00	85.46	42436.00	
38	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications - Ground Floor	Sqm	52.80	842.00	0.00	0.00	37.43	842.00	31518.00	37.43	31518.00 31516	

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Sl.No	Description of work	Unit	schedule B		Previous Measurement		Present Measurement			Total UP-to-date		Rmks
			Qty	Cost	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
60	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500 - Ground Floor	MT	62.50	75241.00	0.00	0.00	55.64	75241.00	4186292.00	55.64	4186292.00 4186409	
222	Supplying following size heavy guage PVC conduit pipe and following thick confirming to IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary - a) 19mm dia 2mm thick	Rmtr	2000.00	49.00	0.00	0.00	180.00	49.00	8820.00	180.00	8820.00	
338	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications	Sqm	888.00	444.44	0.00	0.00	426.63	444.44	189613.00	426.63	189613.00 189611	
341	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand Pump, MWS or PWSS by vertical electrical sounding by adopting Venner on Schlumberger's method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality quantity & acceptability of the users indicating the location site, recommended depth of casing pipe required to seal the top unconsolidated formation, including an extra depth of 1.0 mtrs in consolidated formation for proper seating of casting depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc.	Nos	1.00	4331.32	0.00	0.00	1.00	4331.32	4331.00	1.00	4331.00	
342	Sinking of Borewell of 165mm dia clear, using superfast Hydraulic rig of capacity 250 PSIG and above 900 CFM and above in all strata including over burden upto 20m fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of Rig & supporting vehicle, crew charges & cost of consumables etc., complete including yield testing and the final depth with a minimum working compressor for one hour (excluding cost of casting pipes, collars and cap etc.)0.00 to 50.00mtr	Rmtr	50.00	398.88	0.00	0.00	50.00	398.88	19944.00	50.00	19944.00	
343	50.00 to 100.00mtrs	Rmtr	50.00	508.08	0.00	0.00	50.00	508.08	25404.00	50.00	25404.00	
344	100.00 to 150.00mtrs	Rmtr	50.00	524.17	0.00	0.00	50.00	524.17	26209.00	50.00	26209.00	
345	150.00 to 200.00mtrs	Rmtr	50.00	618.43	0.00	0.00	50.00	618.43	30922.00	50.00	30922.00	
346	200 to 250.00mtrs	Rmtr	50.00	728.78	0.00	0.00	50.00	728.78	36439.00	50.00	36439.00	
347	250 to 300.00mtrs	Rmtr	50.00	804.65	0.00	0.00	50.00	804.65	40233.00	50.00	40233.00	

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Sl.No	Description of work	Unit	schedule B		Previous Measurement		Present Measurement			Total UP-to-date		Rmks
			Qty	Cost	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
348	Supply of ISI mark 175 mm nominal bore, plain end steel casing pipe grade of steel Fe 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, eletric resistence welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts. Both ends threaded confirming to IS 554/1985, one end fixed with socket conforming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking, weighing 25.10Kg/mtr (inclusive of all taxes and duties). Prices including collar medium duty	Rmtr	30.00	1523.09	0.00	0.00	30.00	1523.09	45693.00	30.00	45693.00 45690	
349	Providing and fixing 175mm dia borewell cap medium class(MR)	Nos	1.00	114.95	0.00	0.00	1.00	114.95	115.00	1.00	115.00	
350	M.S. Casing pipe collars "B" class (MR)	Nos	5.00	172.43	0.00	0.00	5.00	172.43	862.00	5.00	862.00	
351	Supply and delivery at site brand new submersible PUMPSET suitable for borewell of 150mm dia and haing declared duty conditions as detailed below nd satisfying performance characteristic for pump and motar as declared by Bureau of Indian Standards. The pump should confirm to IS 928 / 55 (with all its latest amendments) and should bear the ISI certification mark is 928/55. The pumpset should consist of bronze impellers, Discharge : 750 lph, Head L102.88 mts 10HP /7.5KW 20 Stage. ATLANTA,Suguna, CRI, Kirloskar or other equivalent pumps	Rmtr	1.00	57423.27	0.00	0.00	1.00	57423.27	57423.00	1.00	57423.00	
352	Supplying and drawing 3 core flat PVC sheathed Submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor conforming to table 3clause 5 of IS :8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts.(Group B) -3C X 6.0Sq.mm	Rmtr	300.00	187.94	0.00	0.00	300.00	187.94	56382.00	300.00	56382.00	
353	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair of supporting clams, borewell cap, cable clips with bolts, nuts, valve gauges etc., involved in the job. (Necessary G.I.Pipe and specials will be supplied by the board at the site free of cost)(CE (M) BWSSB, Letter No.BWSSB/CE(M)ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09)	Nos	2.00	3000.00	0.00	0.00	2.00	3000.00	6000.00	2.00	6000.00	
354	Supplying and fixing 50mm GI Union.	Nos	2.00	257.14	0.00	0.00	2.00	257.14	514.00	2.00	514.00	
355	Supplying and fully automatic star-delta unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base late held in steel enclosure for use on 440/440 volts 3 phase and wired after to the existing wooden board for motor 15.0 HP	Nos	1.00	9509.81	0.00	0.00	1.00	9509.81	9510.00	1.00	9510.00	
356	Erection of single phase preventor ammeters/ including fixing selector switch/ current operated earth leakage circuit breakers voltage operated earth leakage circuit breakers voltage operated circuit breaker/ above 100A fuse channel set (3 Nos) HRC fuses above 100A (3 Nos) including wiring using suitable capacity wires, bolts, nuts, screws etc, including transportation charges from stores to spot	Nos	1.00	180.47	0.00	0.00	1.00	180.47	180.00	1.00	180.00	

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No	Description of work	Unit	schedule B		Previous Measurement		Present Measurement			Total UP-to-date		Rmks
			Qty	Cost	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
1	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 50mm ia nominal bore with fittings (medium grade weight 1.27 Kg/mtr) B class including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications.	Rmtr	260.00	481.69	0.00	0.00	0.00	481.69	0.00	0.00	0.00	
	Total Amount								1,05,64,120.00		1,05,64,120.00	

Total -> 1,05,64,118/-

Certificate

1 The above work has been Completed satisfactorily
2 The debris has been removed and disposed from the work spot.
3 No. departmental issues are made to the contractor

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Contractor Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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A-5
25/6/2020.

Original / Duplicate / Triplicate SBR.No

CONTRACT CERTIFICATE

No. 1st and Part bill (For Other Works) Date.....20.....
Division : RR Nagar Project Sub-Division : RR Nagar Project
Estimate Cost (Rs.) :-500.00 Lakhs

Bill Received No .....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No: Head of Account : P- 3461 D.R. No:

Name of Work (as per sanctioned estimate): Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16

Job Code:-016-19-000003

Name of Contractor and Full Address:**Sri Purushotham Raju N, Sankrithi Layout 4th Main Jp Nagar 7th Phase Bangalore -560078**

Reference to Agreement No /Wo No:EE(Proj)/RRN/WO.NO/ 13 /2019-20 Dt:-02.08.2019

Certified that the measurements were taken by me on 23/3/2020 and recorded of Pages No 270601 to 605/2
Of measurement Book No :2707 and that the work is satisfactorily executed.

N. Purushotham
Signature of Contractor

Officer-in-charge of work

Certified that the measurements were taken by me on 23/3/2020 ..and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Sub-Division Officer Sub-Division-01
R.R. Nagar Project Bengaluru Mahanagara Palike

If Memorandum of Payment

1)	Total value of work done or supplies made as per account within	1st & part bill value — 1,05,64,184/-
2)	Deduct amount to be held in reserve being.....percent Rs.....	
3)	Balance	
4)	Deduct Payment :	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....-	
	Amount adjusted towards cash advance recovery of b) Payments cost store or other materials supplied. CGST 1% + SGST 1% →	
	Now made recovery of amount creditable to this/other work Amount paid this bill Cheque/Cash	
5)	Balance being unpaid value of work done held in reserve	
6)	Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments	
7)	Net amount due to or from contractor Unadjusted items	
8)	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied	Net value → 1,00,25,410/-

Adjustments Details

I.T.	1,05,642/-
KST	2,11,284/-
GBF	10,564/-
FSD	BG
LBC	1,05,642/-
Royality	1,05,642/-
Total	5,38,774/-

Contractor's Signature

Received Rs... .....(in works)
.....

By Cash and by adjustment of Payment as per memorandum.
Witnesses:
1.
2.
Dated.....

N. Purushotham
Signature of Contractor

Paid by me by cheque No..... Dated.....
Cash Rs..... Dated.....
Initials of Officer Making Payment

Passed for Rs. 1,05,64,184/- Only
Net Cheque Rs. 1,00,25,410/- Only
Adjustment Rs. 5,38,774/- Only
Rs. In Words.. one Crore Twenty five thousand four hundred Ten only/-.
(For use in the Office)

26/6/2020
Accts Supp
RRNZ
RRMP

Executive Engineer

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